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(71) Applicant (for all designated States except US): ARGO-
TECH CORPORATION [US/US]; 23555 Euclid Avenue,
Cleveland, OHIO (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CHIU, Hing, L.
[US/US]; 7615 Lindsay Lane, Solon, OH 44139 (US).

(74) Agent: NAUMAN, Timothy, E.; Fay, Sharpe, Fagan,
Minnich & McKee, LLP, 7th Floor, 1100 Superior Avenue,
Cleveland, OH 44114 (US).

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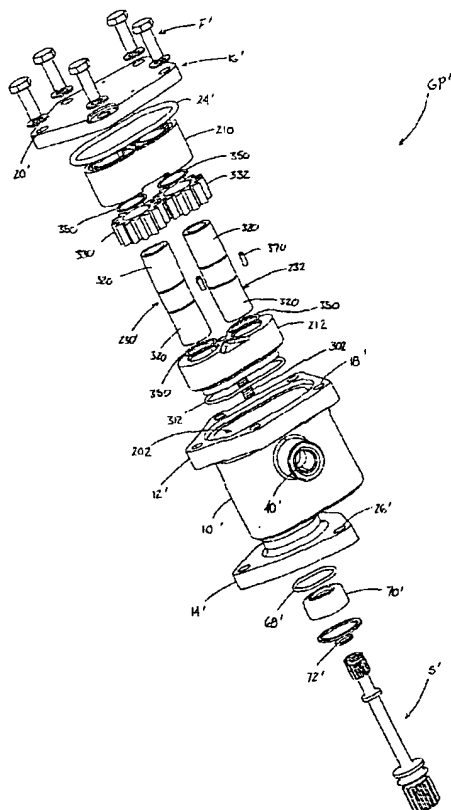
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(54) Title: LOW COST GEAR FUEL PUMP



(57) Abstract: The present invention is directed to a gear pump hav-
ing a housing (10') with an interior pumping chamber (200) and an in-
let (40') to and outlet (42') from the chamber, the outlet being spaced
from the inlet. A pair of rotating gears (330,332) is located in the cham-
ber, the gears including teeth which mesh during gear rotation. The
gears are preferably powder metal construction and fixedly secured on
a shaft (230,232) having an axis of rotation. A pair of one-piece bearings
(210,212) is located in the chamber and journal one of first and second
end portions of each shaft (320). The one-piece bearings provide precise
alignment of the first and second end portions of the shafts and maintain
the shafts in parallel relation.

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